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JBH:cmw 10/28/06 739-73364-01 598475 P17499US - LDH/APH/md

PATENT  
Attorney Reference No. 739-73364-01

**KLARQUIST SPARKMAN, LLP**

16th Floor World Trade Center, 121 S.W. Salmon Street, Portland, Oregon 97204 U.S.A.  
PHONE: 503-503-5300 FAX: 503-595-5301

**PLEASE DELIVER DIRECTLY TO: Customer Corrections**

**Fax No.:** 571-273-8300

**Total No. Pages:** 15 including this cover sheet

**Message:** Transmitted herewith for filing in the above-identified application is a Request for Corrected Official Filing Receipt and attached Exhibit A. If you do not receive all pages or if you have problems receiving transmittal, please call Christine M. Wolfe at (503) 595-5300.

**In re application of:** Paul Ramond Smith

**Application No.** 10/574,408

**Filed:** March 30, 2006

**Confirmation No.** 7547

**For:** SELF-LUBRICATING BEARINGS

**Examiner:** Yet To Be Assigned

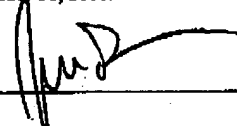
**Art Unit:** 3673

**Attorney Reference No.** 739-73364-01

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence and any documents referred to as being transmitted herewith are being facsimile transmitted to the Patent and Trademark Office via 571-273-8300 on October 30, 2006.

Attorney or Agent  
for Applicant(s)



**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Applicant has received the official Filing Receipt for the application referenced above, a copy of which (with requested correction) is attached as Exhibit A.

The following errors appear on the Filing Receipt:

- (1) The tabulation for the total number of independent claims erroneously shows 2 when the application contains 3 independent claims; and

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PATENT  
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(2) Under the Section "Foreign Applications" the following priority information should be included:

"This application claims priority to GB 0323095.0 10/03/2003"

Applicant submits as Exhibit B the cover page of the prior international application, the Preliminary Amendment and the Combined Declaration and Power of Attorney, all of which include the foreign priority claim.

Applicant requests that the above-identified errors be corrected and that a new official Filing Receipt be issued.

No fee should be required for this filing. The Director is hereby authorized to charge any fee that may be required in connection with this filing, or credit any overpayment, to Deposit Account No. 02-4550.

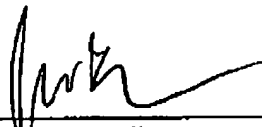
Please call the undersigned if any further information is required.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

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By

  
\_\_\_\_\_  
Jeffrey B. Haendler  
Registration No. 43,652

cc: Docketing

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Page 1 of 3

Forester Kelly/JBH

OCT 30 2006

739-73364-01



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APPL NO.	FILING OR 371 (C) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/574,408	03/30/2006	3673	900	7397336401	3	19	23

CONFIRMATION NO. 7547

24197  
KLARQUIST SPARKMAN, LLP  
121 SW SALMON STREET  
SUITE 1600  
PORTLAND, OR 97204

PREVIOUSLY DOCUMENTED

## FILING RECEIPT

10/30/06 10:00 AM  
"OC000000020709519"

Date Mailed: 10/06/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Paul Raymond Smith, Lincoln, UNITED KINGDOM; ✓

Power of Attorney: The patent practitioners associated with Customer Number **24197**.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/GB04/03908 09/13/2004 ✓

Foreign Applications This application claims priority to GB 0323095.0 10/03/2003

If Required, Foreign Filing License Granted: 10/04/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/574,408**

Projected Publication Date: 01/11/2007

Non-Publication Request: No

Early Publication Request: No

## Title

Self-lubricating bearings ✓

Exhibit A

**RECEIVED  
CENTRAL FAX CENTER****OCT 30 2006**Preliminary Class  
277**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not** result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



1. THE INVENTION IS A METHOD FOR THE PRODUCTION OF A SELF-LUBRICATING BEARING HAVING A SURFACE FINISH OF LESS THAN 20NM AND A HARDNESS OF LESS THAN 10000VHN.

(43) International Publication Date  
12 May 2005 (12.05.2005)

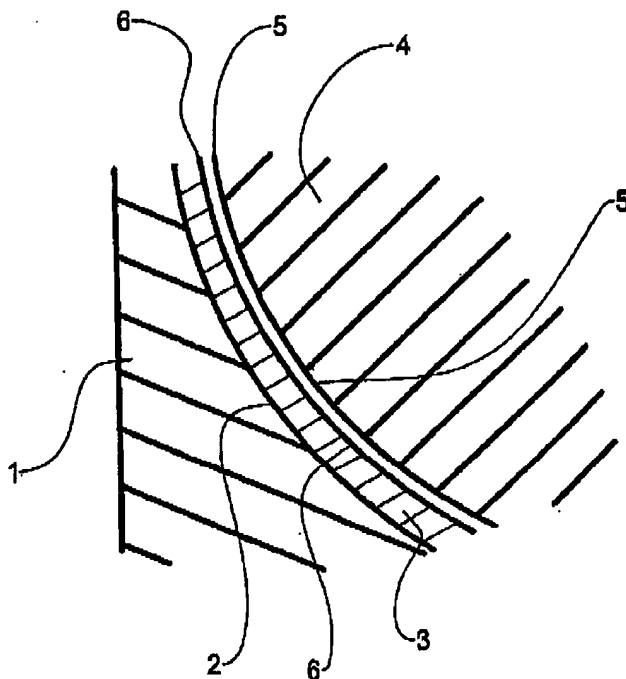
PCT

(10) International Publication Number  
**WO 2005/042993 A1**

- (51) International Patent Classification: **F16C 33/12** (74) Agent: **FORRESTER KETLEY & CO**; Forrester House, 52 Boar's Green Road, London N11 2EY (GB).
- (21) International Application Number: **PCT/GB2004/003908** (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 13 September 2004 (13.09.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0323095.0 2 October 2003 (02.10.2003) GB
- (71) Applicant (for all designated States except US): **MINEBEA CO. LTD.** (JP/JP); 4107-73 Oaza Miyota, Miyota-Machi Kitasaku-gun, Nagano 389-0293 (JP).
- (72) Inventor; and (75) Inventor/Applicant (for US only): **SMITH, Paul, Russell** (GB/GB); NMB-Minebea U.K. Ltd., Doddington Road, Lincoln LN6 3RA (GB).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TO).

[Continued on next page]

(54) Title: **SELF-LUBRICATING BEARINGS**



(57) Abstract: A self-lubricating bearing for use in low pressure, high frequency, small amplitude applications and methods of operating and constructing the same, the bearing having a self-lubricating liner (3) and a counterface surface (5) in close sliding contact therewith, the counterface surface (5) having a surface finish of less than 20nm and a hardness of less than 10000VHN.

Exhibit B

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WO 2005/042993 A1